

**JOB VACANCY:**

## 2 Research positions in Software Systems Testing

**N. REQUIRED:** 2**LOCATION:** Trento, (Italy)**VALID TILL:** 29th January 2020**DESCRIPTION:**

The research work concerns the development of novel model-based techniques and methodology for the efficient verification and validation of complex systems, such as software product lines and systems based on extended reality, in order to guarantee their correct functioning. The candidates are expected to carry out high quality research in line with the objectives of the Software Engineering research unit as well as the objectives of the European Horizon 2020 project iv4XR, which concerns the testing of extended reality based systems. Furthermore, the candidates are expected to actively participate in the writing of scientific articles. The ideal candidates should have:

- PhD degree in one of the following areas: software testing, formal methods, optimization, or related
- Relevant experience in one or more of the following topics:
  - Model driven development
  - Automated test generation
  - Formal methods
  - Artificial intelligence
  - Software agents
- Strong programming skills in Java, C/C++, Python
- Excellent command of the English language
- Flexibility and attitude to problem solving
- Ability to work in a collaborative environment

**Employment:** : Fixed term contract (full time) Start date: March 2020 Duration: 2 years (with possibility to extend the contract depending on availability of funding) Gross annual salary: about € 39.500

Full description on <https://hr.fbk.eu/en/jobs>

**HOW TO APPLY:**

Candidates are requested to submit their application online at <https://hr.fbk.eu/en/jobs>. Please make sure that your application contains the following attachments (in pdf format and preferably in a single file):

- detailed CV including a list of publications
- statement of research interests
- two/three professional references (e-mails and/or phone numbers)

**Application deadline:** 29th January, 2020 23:59 CET